

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

Released: June 30, 2008  
For Week Ending: June 29, 2008  
ND-CW2608

**General:** Warm weather provided favorable growing conditions as crops made excellent progress last week, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Intermittent rain showers across most of the state aided crop growth. However, hail damage was reported in scattered areas of the state. According to reporters in western areas of the state, hay producers have a smaller hay crop than normal due to dry conditions this spring. Late season crops are in need of more heat units to aid development. Post emergence spraying for the control of broadleaf weeds and wild oats neared completion at 92 and 95 percent complete, respectively. Topsoil moisture supplies were rated 3 percent very short, 20 short, 75 adequate and 2 surplus compared with the five-year (2003-2007) average of 7 percent very short, 15 short, 64 adequate and 14 surplus. Subsoil moisture supplies were rated 12 percent very short, 29 short, 58 adequate and 1 surplus. Statewide, on average, there were 5.9 days suitable for fieldwork last week, compared with 5.6 days on average.

**Crops:** Small grain conditions improved slightly from the previous week except for barley. Small grain crop development in the jointed stage advanced ahead of the average pace. However, development in the boot and headed stages proceeded behind last year and the average except for Durum wheat. Durum wheat jointed, at 78 percent, remained ahead of the 68 percent average. Spring wheat boot was 57 percent complete, compared with 76 percent last year and 68 percent on average. Emergence of all other crops was virtually complete by week's end and conditions were rated mostly fair to good. Dry edible peas in the flowering stage made significant progress as it advanced 31 percentage points to 50 percent complete. Canola in the rosette and blooming developmental stages were more than a week behind last year.

**Livestock:** The first cutting of alfalfa advanced 18 percentage points to 25 percent complete, compared with 58 percent last year and 51 percent on average. Other hay advanced 10 percentage points to 14 percent complete. The hay crop condition was rated 8 percent very poor, 33 poor, 39 fair, 18 good and 2 excellent. Pasture and range conditions were rated 5 percent very poor, 22 poor, 36 fair, 34 good and 3 excellent compared with last year when conditions were rated 1 percent very poor, 2 poor, 14 fair, 64 good and 19 excellent. Stockwater supplies were rated 58 percent adequate to surplus, compared with 94 percent last year and 87 percent on average.

## Crop and Pasture Condition North Dakota, Week Ending June 29, 2008

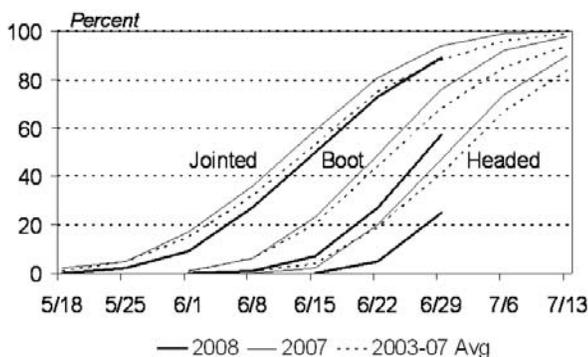
Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Barley	0	1	23	62	14
Durum Wheat	0	1	32	58	9
Spring Wheat	0	2	21	62	15
Oats	0	2	30	63	5
Canola	1	4	29	51	15
Corn	1	4	32	53	10
Dry Edible Beans	0	4	29	55	12
Dry Edible Peas	0	3	32	60	5
Flaxseed	0	2	33	61	4
Potatoes	0	1	30	55	14
Soybeans	1	3	20	64	12
Sugarbeets	0	3	21	60	16
Sunflowers	0	2	31	60	7
Pasture and Range	5	22	36	34	3

## Crop Development Progress North Dakota, Week Ending June 29, 2008<sup>1,2</sup>

Crop	Week Ending			2003-2007 Avg
	June 29, 2008	June 22, 2008	June 29, 2007	
	Percent	Percent	Percent	Percent
<b>Barley</b>				
Jointed	94	74	95	89
Boot	65	31	82	68
Headed	32	6	59	42
Milk	2	NA	12	7
<b>Durum Wheat</b>				
Jointed	78	53	70	68
Boot	56	21	46	40
Headed	35	2	21	19
Milk	2	NA	1	2
<b>Spring Wheat</b>				
Jointed	89	73	94	88
Boot	57	27	76	68
Headed	25	5	47	41
Milk	1	NA	6	7
<b>Oats</b>				
Jointed	89	73	93	88
Boot	60	37	75	66
Headed	27	4	46	36
Milk	3	NA	13	9
<b>Canola</b>				
Rosette	83	53	97	88
Blooming	26	4	62	51
<b>Corn</b>				
Silking	0	0	1	1
<b>Dry Edible Beans</b>				
Blooming	1	0	13	8
<b>Dry Edible Peas</b>				
Flowering	50	19	81	NA
<b>Flaxseed</b>				
Blooming	5	1	24	23
<b>Potatoes</b>				
Emerged	100	89	97	97
Blooming	6	3	32	20
<b>Soybeans</b>				
Blooming	1	0	6	5
<b>Sunflowers</b>				
Emerged	97	86	96	95

<sup>1</sup> Crop development percents represent all acreage in or beyond each stage.  
<sup>2</sup> Progress is based on current intended acreage. NA = Not Available

Spring Wheat Progress  
North Dakota



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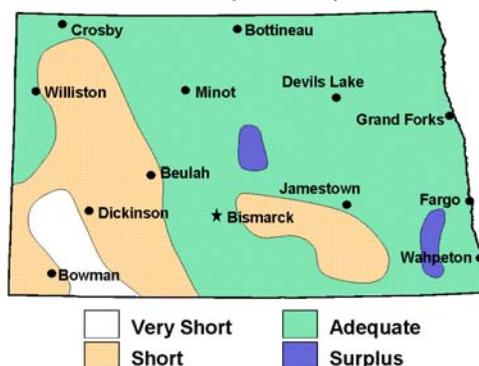
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**NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 29, 2008**

**Soil Moisture Supplies  
 North Dakota, Week Ending June 29, 2008**

Date	Week Ending			2003-2007 Avg
	June 29, 2008	June 22, 2008	June 29, 2007	
	Percent	Percent	Percent	Percent
<b>Topsoil</b>				
Very Short	3	1	1	7
Short	20	17	13	15
Adequate	75	79	73	64
Surplus	2	3	13	14
<b>Subsoil</b>				
Very Short	12	9	1	7
Short	29	31	9	14
Adequate	58	57	77	65
Surplus	1	3	13	14

**Topsoil Moisture Supplies  
 North Dakota, June 29, 2008**



**Weather:** This past week saw near to below normal temperatures statewide as most parts of the state received precipitation. Monday started off the week with scattered thunderstorms mostly in the central and eastern regions of the state with highs in the upper 70s to 80s. Some of the storms on Monday were strong to severe with a weak tornado occurring in Benson County and 15 reports of hail occurring mainly in the central regions of the state. On Tuesday, scattered thunderstorms moved through the state with highs in the 80s. Some of the storms on Tuesday were strong to severe with 16 reports of hail and six reports of high winds occurring mainly in the southwestern part of the state. Wednesday brought scattered thunderstorms which occurred mainly in the western half of the state with highs in the upper 70s to 80s. On Thursday, scattered thunderstorms moved through the state with highs in the 70s to mid-80s. Some of the storms on Thursday were strong to severe with 16 reports of hail and three reports of high winds occurring mainly in the southwestern part of the state. Friday once again brought scattered thunderstorms which moved through the state with highs falling into the 70s. On Saturday, a few isolated thunderstorms and showers moved mainly through the central and eastern regions of the state with highs remaining in the 70s. Sunday was dry and calm with highs in the 70s to 80s.

**Outlook, June 30-July 6:** This week looks to be fairly dry with near normal temperatures statewide. Monday will start off the week dry with highs in the 80s to lower 90s. On Tuesday, there will be scattered thunderstorms statewide with highs in the 80s to lower 90s with some of the storms possibly being strong. On Wednesday, there is a chance of isolated thunderstorms mainly in the southwestern part of the state with highs in the 70s. Thursday and Friday look to be dry with highs in the 70s to lower 80s. Saturday and Sunday bring a chance of isolated thunderstorms statewide with highs in the 80s.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending June 29, 2008**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	High	Low	Past Week	Total	Depart Normal <sup>2</sup>
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	79	48	0.41	5.71	-0.75
Williston	82	51	0.46	3.71	-1.64
Mohall	79	46	0.47	6.89	0.44
Minot	80	52	0.68	8.29	1.20
(2) Baker	78	52	0.82	7.05	0.65
Bottineau	81	41	0.46	4.96	-1.77
Rugby	80	49	0.90	5.87	-0.77
(3) Cando	80	50	0.13	6.61	0.37
Cavalier	83	48	1.18	6.33	-0.19
Forest River	86	52	0.59	4.82	-1.98
Grand Forks	85	51	0.40	4.27	-2.05
Langdon	78	50	0.78	5.64	-1.09
St. Thomas	82	51	1.33	6.05	-0.75
(4) Hazen	84	47	0.46	4.37	-2.93
Turtle Lake	82	50	1.13	6.40	-0.63
Watford City	82	52	1.05	4.22	-2.18
(5) Carrington	83	51	1.04	6.87	-0.91
Harvey	82	47	0.58	5.76	0.17
Jamestown	84	53	1.69	6.75	0.05
Robinson	82	50	1.25	6.68	-0.19
Streeter	81	50	0.89	5.67	-0.65
(6) Dazey	83	53	0.61	5.57	-1.68
Fargo	87	55	1.38	9.15	1.58
Hillsboro	85	51	0.72	6.27	-1.18
(7) Beach	84	51	0.00	4.82	-1.84
Bowman	86	46	0.23	5.95	-1.03
Dickinson	83	49	0.53	3.88	-3.55
Hettinger	86	46	0.45	8.71	1.57
(8) Mandan	83	53	0.50	7.09	0.19
Linton	83	50	0.02	5.34	-1.35
(9) Edgeley	86	52	0.17	5.25	-2.64
Oakes	88	53	0.60	6.19	-1.32
Wyndmere	87	55	0.62	7.18	-0.91

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

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